

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER WTE 303	APPLICATION NUMBER n/a
	APPLICANT Allen F. Podell	
	FILING DATE December 8, 2003	GROUP ART UNIT n/a

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DT	6,518,856	2/11/2003	Casale et al.	333	124	
DT	6,407,648	6/18/2002	Johnson	333	127	
DT	6,020,783	2/1/2000	Coppola	333	556	
DT	6,246,299	6/12/2001	Werlau	333	127	
DT	5,982,252	11/9/1999	Werlau	333	127	
DT	5,926,076	7/20/1999	Johnson et al.	333	109	
DT	5,889,444	3/30/1999	Johnson et al.	333	127	
DT	5,841,328	11/24/1998	Hayashi	333	116	
DT	5,563,558	10/8/1996	Mohwinkel et al.	333	127	
DT	5,369,379	11/29/1994	Fujiki	333	116	
DT	4,999,593	3/12/1991	Anderson	333	112	

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DT	An, Hongming et. al, <i>IA 50:1 Bandwidth Cost-Effective Coupler with Sliced Coaxial Cable</i> , IEEE MTT-S Digest, pp. 789-792, June 1996.
DT	Walker, J.L.B., <i>Analysis and Design of Kemp-Type 3 dB Quadrature Couplers</i> , IEEE Transactions on Microwave Theory and Techniques, Vol. 38, No. 1, pp. 88-90, January 1990.
DT	Bickford, Joel D. et. al, <i>Ultra-Broadband High-Directivity Directional Coupler Design</i> , IEEE MTT-S Digest, pp. 595-598, 1988.
DT	Young, Leo, <i>The analytical equivalence of TEM-mode directional couplers and transmission-line stepped-impedance filters</i> , Proceedings IEEE, Vol. 110, No. 2, pp. 275-281, February 1963.

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3/3/05

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DT	4,937,541	6/26/1990	Podell et al.	333	116	
DT	4,800,345	1/24/1989	Podell et al.	333	111	
DT	4,777,458	10/11/1988	Pardini	333	112	
DT	4,216,446	8/5/1980	Iwer	333	112	
DT	4,158,184	6/12/1979	Kenyon	333	208	
DT	3,967,220	6/29/1976	Tagashira et al.	333	282	
DT	3,516,024	6/2/1970	Lange	333	116	

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DT		Levy, Ralph, <i>General Synthesis of Asymmetric Multi-Element Coupled-Transmission-Line Directional Couplers</i> , * IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-11, No. 4, pp. 226-237, July 1963.
DT		Monteath, G.D., <i>Coupled Transmission Lines as Symmetrical Directional Couplers</i> , Proc. IEE, Vol. 102, Part B, No. 3, pp. 383-392, May 1955.
DT		Oliver, Bernard M., <i>Directional Electromagnetic Couplers</i> , * Proc. IRE, Vol. 42, No. 11, pp. 1686-1692, November 1954.
DT		Gerst, C.W., <i>11-7 Electrically Short 90° Couplers Utilizing Lumped Capacitors</i> , Syracuse University Research Corporation, pp. 58-62, (year unknown).
EXAMINER <i>Dean J. Haskins</i>		DATE CONSIDERED <i>3/3/05</i>

SHEET 1 OF 1

FORM PTO-1449		DOCKET NUMBER WTE 303		APPLICATION NUMBER 10/731,174		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Allen F. Podell				
		FILING DATE December 8, 2003		GROUP ART UNIT 2833		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DT	2004/0017267 6,822,532	1/29/2004	Kane et al.	333	116	
DT	2003/0132816 6,794,954	7/17/2003	Gurvich et al.	333	116	
DT	5,075,646	12/24/1991	Morse	333	116	
DT	4,394,630	7/19/1983	Kenyon et al.	333	116	
DT	3,678,433	7/18/1972	Hallford	333	203	
DT	3,534,299	10/13/1970	Eberhardt	333	24.2	
DT	3,371,284	2/27/1968	Engelbrecht	330	286	
DT	3,319,190	5/9/1967	Shively	333	115	
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EXAMINER	<i>Wan Shau</i>		DATE CONSIDERED 3/3/05			

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DT	6,806,789	10/19/2004	Bawell et al.	333	117	
DT	6,806,558	10/19/2004	Apel	257	663	
DT	6,771,141	8/3/2004	Iida	333	116	
DT	6,765,455	7/20/2004	De Lillo et al.	333	116	
DT	6,756,860	6/29/2004	Shin	333	116	
DT	6,747,525	6/8/2004	Iida et al.	333	116	
DT	6,686,812	2/3/2004	Gilbert et al.	333	112	
DT	6,642,809	11/4/2003	Shin et al.	333	116	
DT	6,580,334	6/17/2003	Simburger et al.	333	24R	
DT	6,522,222	2/18/2003	Pchelnikov et al.	333	161	
DT	6,515,556	2/4/2003	Kato et al.	333	116	
DT	6,483,397	11/19/2002	Catoi	333	116	
DT	6,407,647	6/18/2002	Apel et al.	333	25	

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Dean F. Haskin

DATE CONSIDERED

3/3/05

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DT	6,346,863	2/12/2002	Sasaki et al.	333	116	
DT	6,342,681	1/29/2002	Goldberger et al.	174	261	
DT	5,852,866	12/29/1998	Kuettner et al.	29	608	
DT	5,793,272	8/11/1998	Burghartz et al.	336	260	
DT	5,742,210	4/21/1998	Chaturvedi et al.	333	116	
DT	5,689,217	11/18/1997	Gu et al.	333	116	
DT	5,634,208	5/27/1997	Nishikawa et al.	455	327	
DT	5,557,245	9/17/1996	Taketa et al.	333	116	
DT	4,482,873	11/13/1984	Nyhus	333	116	
DT	3,999,150	12/21/1976	Caragliano et al.	333	116	
DT	3,904,991	9/9/1975	Ishii et al.	333	116	
DT	3,345,585	11/25/1964	Hildebrand	333	116	

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EXAMINER	<i>Don Johnson</i>	DATE CONSIDERED	<i>3/3/05</i>
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